

93582 to 93584.

From Central America. Plants purchased from the United Fruit Co., through Wilson Popenoe, Research Department, Tela, Honduras. Received in June and September, 1930. Numbered in June, 1931.

93582. GARCINIA MANGOSTANA L. Clusiaceae. Mangosteen.

93583 and 93584. PERSEA SCHIEDDEANA Nees. Lauraceae. Coyo.

This plant, known as yas in Costa Rica and coyo in Guatemala, occurs from southern Mexico to Panama. In Costa Rica it is found abundantly on the slopes of Irazu at altitudes between 4,000 and 6,000 feet. The fruits greatly resemble avocados. The tree is of slow growth and probably does not bear until it is 8 or 10 years old.

For previous introduction see 80540.

93585 to 93588.

From the Hawaiian Islands. Seeds presented by D. T. Fleming, Lahaina, Maui Island. Received June 22, 1931.

93585. CASSIA sp. Caesalpiniaceae.

Hybrid showers.

93586. CASSIA sp. Caesalpiniaceae.

Rainbow showers.

93587. CASUARINA sp. Casuarinaceae.

93588. DESMANTHUS VIRGATUS (L.) Willd. Mimosaceae.

A white-flowered woody plant, common in many places in the West Indies. The leaves, which are sensitive, are bipinnate, and the pods are linear compressed. The brown polished seeds are sometimes used as beads.

For previous introduction see 49407.

93589. OLEA EUROPAEA L. Oleaceae. Common olive.

From Greece. Cuttings presented by George Choremis, Chios. Received June 22, 1931.

For previous introduction and description see 93580.

93590 to 93595.

From China. Plants presented by G. Weldman Groff, Lingnan University, Canton. Received June 23, 1931.

93590. FICUS sp. Moraceae. Fig.

No. 331. A wild fig which gives promise as a stock for better varieties.

93591 to 93595. CITRUS SINENSIS (L.) Osbeck. Rutaceae. Orange.

93591. No. 230. *Ming lau chang.* From Lingtam (near Towah), Honan Island, Canton. Grafted on Australian lemon.

93592. No. 97. *Om lau chang.* From Lokongtung. Grafted on *C. grandis*, Kwangsi shatin yau.

93593. No. 214. *Om lou chang.* From Towah, Honan Island, Canton. Grafted on Australian lemon.

93594. No. 232. *Om lou chang.* From Lingtam (near Towah), Honan Island, Canton. Grafted on Australian lemon.

93590 to 93598—Continued.

93595. No. 279. *Om lou chang.* From Lokongtung. Grafted on *C. grandis*, Kwangsi shatin yau.

93596 and 93597. CITRUS NOBILIS DELICIOSA (Ten.) Swingle. Rutaceae. Mandarin orange.

93596. No. 258. *Szwui kom*, Szwui mandarin. From Lokongtung. Grafted on Australian lemon.

93597. No. 259. *Szwui kom*, Szwui mandarin. From Lokongtung. Grafted on *C. grandis*, Kwangsi shatin yau.

93598. CITRUS sp. Rutaceae.

No. 248. *T'in ling mung*, sweet ling mung. From Towah, Honan Island, Canton. Grafted on Australian lemon. An interesting and important form for study.

93599. SOJA MAX (L.) Piper (*Glycine hispida* Maxim.). Fabaceae.

Soybean.

From England. Seeds presented by Dr. J. L. North, Royal Botanic Society, London. Received June 23, 1931.

Originally from Yugoslavia (Belgrade).

93600. BEGONIA ENGLERI Gilg. Begoniaceae.

From England. Seeds grown in the Royal Botanic Gardens, Kew, presented by Mrs. H. H. Buxton, Peabody, Mass. Received June 23, 1931.

A stout herbaceous perennial, native to tropical Africa, with red hairy stems 5 feet high and large, ovate-oblong, deeply serrate leaves having red veins. The numerous pink flowers are borne on long pendulous peduncles.

93601 and 93602.

From Java. Seeds presented by the Tuinbouwkundig Ambtenaar, Pasar Minggoe. Received March 19, 1930. Numbered in June, 1931.

93601. CITRUS AMBLYCARPA (Hassk.) Ochse. Rutaceae.

A small, almost unarmed tree, native to Java. The lanceolate leaves are 2 to 3 inches long, and the roundish fruits are only about an inch in diameter, the smallest of any of the Javanese species of citrus.

93602. CITRUS AURANTIFOLIA (Christm.) Swingle. Rutaceae. Lime.

Djerock nipis.

93603. PITHECOLLOBIUM PRUINOSUM Benth. Mimosaceae.

From New South Wales, Australia. Seeds presented by G. P. Darnell-Smith, director, Botanic Gardens, Sydney. Received June 25, 1931.

A tree, native to Australia, with the branchlets, leaves, and inflorescence covered with rusty tomentum. The bipinnate leaves are made up of 2 to 5 pairs of pinnae, each bearing 3 to 4 pairs of rhomboidal leaflets 2 to 3 inches long. The small white flowers are borne in globular umbels and are followed by flat, curved, or twisted pods several inches long.